

PARASITOLOGICAL DEFINITIONS AND EXAMINATION METHODS

1	Course Title:	PARASITOLOGICAL DEFINITIONS AND EXAMINATION METHODS	
2	Course Code:	VPR5001	
3	Type of Course:	Compulsory	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	5.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	none	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Bayram Şenlik	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	bsenlik@uludag.edu.tr	
17	Website:	http://saglikbilimleri.uludag.edu.tr/anabilimdallari.php	
18	Objective of the Course:	Training doctors who can diagnose and examine all parasitological diseases in animals	
19	Contribution of the Course to Professional Development:	In veterinary medicine, the number of practitioner who can make comments by examining parasitological materials is very low. For this reason, the student who takes this course will have a different position among his colleagues by improving himself on this subject.	
20	Learning Outcomes:		
		1	It will be learned how to collect and store the material for the diagnosis of parasitic diseases.
		2	The methods used for stool examination, their application and interpretation of the results are learned.
		3	The methods used for the examination of skin and skin scrapings, their application and interpretation of the results are learned.
		4	The methods used for blood examination, their application and interpretation of the results are learned.
		5	The methods used for the examination of urine, sputum and nasal discharge, their application and interpretation of the results are learned.
		6	The points to be considered while performing necropsy and necropsy and interpretation of the obtained findings are learned.
		7	Storage and identification of parasitic samples obtained in necropsy or other methods are learned.
		8	To have knowledge about serological and molecular biological methods used for the diagnosis of parasitic diseases.
		9	
		10	
21	Course Content:		
		Course Content:	

Week	Theoretical	Practice	
1	Using the microscope in parasitological examination	Conducting the related practice and examining preparats about the subject	
2	Sample collection methods for the parasitological examination	Conducting the related practice and examining preparats about the subject	
3	Qualitative faecal examination methods	Conducting the related practice and examining preparats about the subject	
4	Quantitative faecal examination methods	Conducting the related practice and examining preparats about the subject	
5	Faecal culture	Conducting the related practice and examining preparats about the subject	
6	Parasitologic examination of blood	Conducting the related practice and examining preparats about the subject	
7	Parasitologic examination of vomit, sputum, nasal discharge and urine	Conducting the related practice and examining preparats about the subject	
8	Parasitologic examination of the skin and skin scrapings	Conducting the related practice and examining preparats about the subject	
9	Parasitologic examination of eye, ear, lymph nodes and genital material	Conducting the related practice and examining preparats about the subject	
10	Serologic and molecular biologic technique in parasitology	Conducting the related practice and examining preparats about the subject	
11	Parasitologic examination of carcass and internal organs in slaughterhouse	Conducting the related practice and examining preparats about the subject	
12	Examination of muscle sample for Trichinella larvae	Conducting the related practice and examining preparats about the subject	
13	Necropsy, collection, preservation and identification of parasites.	Conducting the related practice and examining preparats about the subject	
14	Making of permanent preparations	Conducting the related practice and examining preparats about the subject	
22	Textbooks, References and/or Other Materials:	<ol style="list-style-type: none"> 1. Tinar, R. (Ed.) 2006. Helmintoloji, Nobel Yayın Dağıtım, Ankara. 2. Foreyt WJ, 2001. Veterinary parasitology, reference manual. Fifth ed., Iowa State University Press, Iowa, U.S.A. 3. Schinieder, T (Ed.), 2006. Veterinarmedizinische Parasitologie, 6.Auflage, Parey, Stuttgart. 4. Hendrix CM, 1998. Diagnostic Veterinary Parasitology, second ed., Mosby Inc., St. Louis, U.S.A. 5. Sloss MW, Kemp RL, Zajac AM eds. 1994. Veterinary Clinical Parasitology. Sixth ed., Iowa States University Press, Ames. 	
23	Assesment		
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT
Midterm Exam		0	0.00
Quiz		0	0.00
Home work-project		6	0.00
Final Exam		1	100.00
Total		7	100.00
Contribution of Term (Year) Learning Activities to Success Grade		0.00	
Contribution of Final Exam to Success Grade		100.00	
Total		100.00	
Measurement and Evaluation Techniques Used in the Course		Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.	

24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	4	10.00	40.00
Homeworks	6	7.00	42.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			144.00
Total work load/ 30 hr			4.80
ECTS Credit of the Course			5.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	4	3	3	1	3	1	2	1	1	2	2	0	0	0	0
ÖK2	5	4	3	2	1	2	2	1	1	1	2	2	0	0	0	0
ÖK3	4	1	5	4	3	2	3	3	2	1	2	2	0	0	0	0
ÖK4	5	2	2	1	4	1	5	4	2	3	2	3	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			